#### You will only do this step once, you can create as many environment folders as you want, but one will be fine for getting started with the curriculum.

* Create and navigate to a folder named *my\_environments*
* Create the environment

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| Mac/Linux: | python3 -m venv djangoPy3Env

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| Windows (command prompt): | python -m venv djangoPy3Env

>------------------------------------------------------------------

* Activate the environment

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| Mac/Linux: | source djangoPy3Env/bin/activate

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| Windows (command prompt): | call djangoPy3Env\Scripts\activate

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| Windows (git bash) : | source djangoPy3Env/Scripts/activate

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* Install Django with your venv activated

(djangoPy3Env) Windows/Mac:| pip install Django==2.2.4

* Add a shortcut to your venv in your vscode settings:
  + Open settings.json in the command palette of vscode and add the following-

"python.venvPath": "absolute path to my\_environments",

#### Create your Project Folder

1. In terminal, navigate to the directory you want your project to be in and then run the command: django-admin startproject your\_project\_name\_here
2. Then navigate into the project folder you just created: cd your\_project\_name\_here
3. Test it out, run your server with this command: python manage.py runserver

#### Create and Connect the App to your project

1. Create your app inside the project folder: python manage.py startapp your\_app\_name\_here
2. In the text editor, find the settings.py file. Find the variable *INSTALLED\_APPS*, and let's add our newly created app to the top of the list.
3. In the project level urls.py file, add a URL pattern for your new app.

from django.urls import path, include

urlpatterns = [

path('', include('app\_name.urls')),

]

1. Next, let's create a new urls.py file in the your\_app\_name\_here folder. Put the following code

from django.urls import path

from . import views

urlpatterns = [

path('', views.index),

]

1. And then actually put a function called index in our app's views.py file

from django.shortcuts import render, HttpResponse

def index(request):

return HttpResponse("this is the equivalent of @app.route('/')!")

1. Then run your server: python manage.py runserver